

AMENDMENTS TO THE SPECIFICATION

On page 6, please amend paragraph 86 as shown below:

[0086] Desirable cell attachment factors include attachment peptides, as well as ~~(I don't want to go into discussion about what is small)~~ active domains of large proteins or glycoproteins typically 100-1000 kilodaltons in size, which in their native state can be firmly bound to a substrate or to an adjacent cell, bind to a specific cell surface receptor, and mechanically attach a cell to the substrate or to an adjacent cell. Attachment factors bind to specific cell surface receptors, and mechanically attach cells to the substrate or to adjacent cells. Such an event typically occurs within, well defined, active domains of the attachment factors. Factors that attach cells to the substrate are also referred to as substrate adhesion molecules herein. Factors that attach cells to adjacent cells are referred to as cell-cell adhesion molecules herein. (Alberts et. al., 1994). In addition to promoting cell attachment, each type of attachment factor can promote other cell responses, including cell migration and differentiation. Suitable attachment factors for the present invention include substrate adhesion molecules such as the proteins laminin, fibronectin, collagens, vitronectin, tenascin, fibrinogen, thrombospondin, osteopontin, von Willibrand Factor, and bone sialoprotein, or active domains thereof. Other suitable attachment factors include cell-cell adhesion molecules, also referred to as cadherins, such as N-cadherin and P-cadherin.